10 – 17TH STREET, SUITE 1400 ENVER, COLORADO 80202 ELEPHONE: 303-623-1000

NEW YORK NEW ORLEANS HOUSTON TULSA



Mr. Carl Barrick U. S. G. S. 701 Camino Del Rio Durango, Colorado 81301

> RE: #1 Tank Mesa Federal SE SE Sec. 1, T40S, R21E

San Juan County, Utah

Dear Mr. Barrick:

Enclosed please find for your approval, an original and three copies of the Application for Permit to Drill, together with four copies of the Staking Plat covering the drilling of the captioned proposed test.

By carbon copy of this letter to the Utah State Oil & Gas Commission, we are furnishing them with a copy of our application and staking plat.

Your early attention to the approval of said application will be appreciated.

Yours very truly,

DAVIS OIL COMPANY

Michelle Fisher Geological Secretary

/mf Enclosures

Utah State Oil & Gas Commission

P.S. Davis Oil Company would like this to be a tight hole.

SUBMIT IN TR (Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1425.

UNITED STATES DEPARTMENT OF THE INTERIOR

72		100			
5. LEASE	DESIG	MITION	AND	SERIAL	NO.
্তি	<u> </u>			`i ₂	
" Ū−	1282	28.	- <u>Se</u> 😅	=	
	IAN, Al	LOTTE	E OR 2	TRIBE NA	ME
2 2 3		·-	2.3	5	

	GEOLOG	SICAL SURVEY			⁵ Ū-12828	1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
APPLICATION	I FOR PERMIT T	O DRILL, DEEPE	N, OR PLUG B	ACK	6. IF INDIAN, ALLOTT	EE OR TRIBE NAME
1a. TYPE OF WORK DR! b. TYPE OF WELL OIL OIL CA	LL 🔯	DEEPEN 🗆	PLUG BAC	K □ 194	7. UNIT AGREEMENT 7. UNIT AGREEMENT 8. FARM OF LEASE N	A
3. ADDRESS OF OPERATOR	oil Company h Street, Suite	1400, Denver	Colorado 80202	100 mg	9. WELL NO. #1 #1 #1 #1 #1 #1 #1 #1 #1 #1 #1 #1 #1	OR, WILDCAT
At surface SE At proposed prod. zou 660 14. DISTANCE IN MILES A	SE Sec. 1, T40S e O' FSL and 645 AND DIRECTION FROM NEAF	FEL.		eroise fasago	11. SEC., T., R., M., OI AND SURVEY OR SEC. 1, T4(12. COUNTY OR PARIS	ABBA T ST DS; R21E
15. DISTANCE FROM PROPO LOCATION TO NEAREST PEOPERTY OR LEASE L (Also to nearest drig	INE, FT. 2. unit line, if any) 645	16. NO	560.00	TO TO	San Juan 5	2 50 II 2 50 II 2 10 II 2 10 II
18. DISTANCE FROM PROP TO NUAREST WELL, IS OR APPLIED FOR, ON TH. 21. ELEVATIONS (Show who	OSED LOCATION* RILLING, COMPLETED, IS LEASE, FT. OCHOR OF, RT, GR, etc.)		6620	Rota	irv	WORK WILL START*
23.			CEMENTING PROGRA			
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	= =	QUANTITY OF CEM	14
12 1/4" 7 7/8"	8 5/8" 5 1/2"	24#_K=55 15.5#_K=55	_STC(NEW)	0-35 -0-56	300 sxs.	est la surface
		APPROVED B	Y THE DIVISIO	ж. воленимен та еоденимен элефици (в од	ardine discondinated burst of the condinated burst of	al o interso d deste d

OF OIL, GAS, AND MINING

(SEE TEN POINT PROGRAM)

*THIS IS A TIGHT HOLE

CONFIDENTIAL

in shown space describe proposed the grant of proposal is to deepen or plug back, give data or present lands. If proposal is to drill or Galland directionally, give pertinent data on subsurface locations and measurement or program, if any.	ared and true grantes to have
24	
Chief Geologist	PATE 8/14/80
This space for Federal or State office user	
MENNIT NO. 43-037-30601 APPROVAL DATE	
PERMIT NO.	
GUROVED BYTITLE	TATE TO THE PERSON OF THE PERS

COMPANY	DAVIS OIL COMPANY	
LEASE	Tank Mesa Unit	WELL 1
SECTION	T. 40 S.R. 21 E., S.L.B. 8	. М.
LOCATION	660 feet from the South	Line
LOCATION	feet from the East	Line
FLEVATION	4636 (Ungraded)	

Utah San Juan County Amended plat 6454 9-5-80

Scale: 1" = 1000'

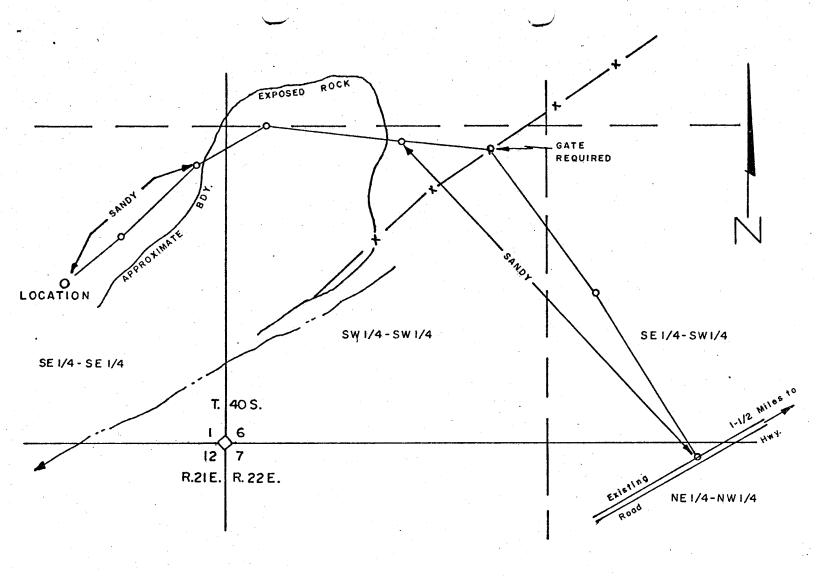
The undersigned, KROEGER ENGINEERING COMPANY, hereby certifies that the above plat was prepared from field notes of actual surveys made by them, and that the same are true and correct to the best of their knowledge and belief.

DATE: August 23, 1980

KROEGER ENGINEERING COMPANY

By: John A. Kroeger, President

Utah Reg. No. 1648



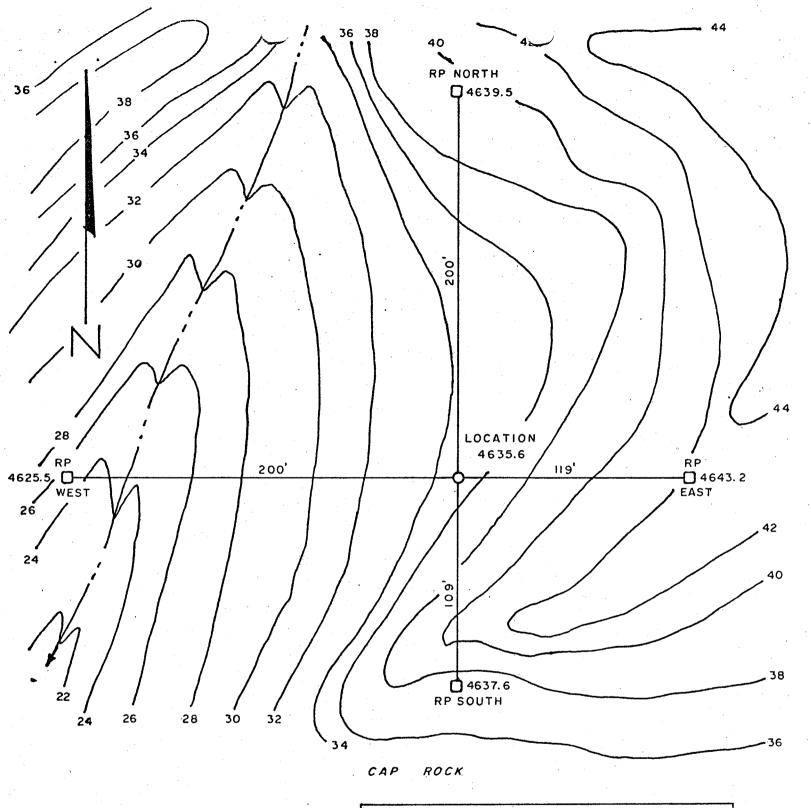
- - ACCESS ROAD CRITERIA - -

CONSTRUCT 3500 FEET OF NEW ROAD.

APPROXIMATELY 800 FEET OF THIS NEW ROAD IS ON LEVEL CAP ROCK.

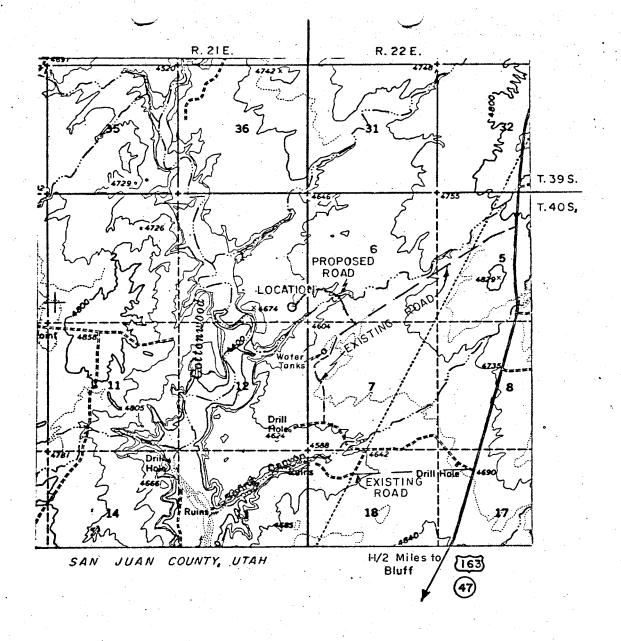
NO WORK REQUIRED ON EXISTING ROAD NORTHEASTERLY TO THE HIGHWAY.

PROPOSED ACCESS ROAD TANK MESA UNIT No. I Date: Aug., 1980 Scale: I"= 400' KROEGER ENGINEERING COMPANY DURANGO, COLO.



ALL ELEVATIONS ARE UNGRADED GROUND.

WELL SITE PLAN Topo Elevations TANK MESA UNIT No. I SE/4 SE/4 Sec. I, T. 40S., R. 2IE., S. L. B & M. San Juan County, Utah Date: Aug., 1980 Scale: I" = 50' KROEGER ENGINEERING COMPANY DURANGO, COLO.



NOT E:

A SMALL AMOUNT OF RE-HABILITATION OF THE EXISTING ROAD WOULD NEED TO BE DONE AROUND THE WATER TANKS IN ORDER TO GO SOUTH.

DAVIS OIL COMPANY

VICINITY MAP & PROPOSED ACCESS ROAD

TANK MESA UNIT No. I

Date:

Scale: 1"= 4000'

KROEGER ENGINEERING COMPANY
DURANGO, COLO.

TIGHT HOLE

TEN POINT PROGRAM

1) SURFACE FORMATION:

Morrison

2 & 3) ESTIMATED TOPS: (Water, Oil, Gas or Mineral bearing formations)

Morrison	Surface	Wet sandstones
Chinle	1260'	Tight siltstones & sandstones
Cutler	2320'	Tight siltstones & sandstones
Honaker Trail	4320'	Possible gas productive sandstones
Upper Ismay	5230'	Tight limestone
Lower Ismay	5340'	Oil Productive limestone
Gothic b	5400'	Shale
Desert Creek	5450'	Oil Productive Limestone
Akah	5590'	Tight anlydnite
Total Depth	5620'	

- 4) CASING PROGRAM: 12 1/4", 8 5/8" 24# K-55 STC(NEW) 0-350' 300 sxs. est. 7 7/8", 5 1/2" 15.5# K-55 STC(NEW) 0-5620' 500 sxs. est.
- 5) PRESSURE CONTROL EQUIPMENT: (See attached schematic diagram) BOP's and choke manifold will be installed and pressure tested before drilling out under surface casing and then will be checked daily as to mechanical operating condition. Ram type preventors and related pressure control equipment will be pressure tested to rated working pressure of the stack assembly or to 70% of the minimum internal yield pressure of the casing. Annular type preventors will be tested to 50% of their rtaed working pressure. BOP's will be pressure tested at least once every 30 days.
- 6) MUD PROGRAM: 0-350' Spud Mud 350-2500' Water

2500-5620' Fresh water gel, Maximum mud weight 9.0 ppg based on offset of wells. Vis 35, 10 cc W.L., PH 9-9.5.

Sufficient mud materials to maintain mud properties, control lost circulation and to contain blowout will be available at wellsite.

- 7) AUXILLIARY EQUIPMENT:
 - 1) Kelly Cock.
 - 2) Drill Pipe Float (Except for lost circulation drilling conditions)
 - 3) Monitoring of Mud System will be visual unless otherwise specified.
 - 4) A sub on the floor with a full opening valve to be stabbed into drill pipe when Kelly is not in the string.
- 3) LOGGING: GR-DIL base of surface casing to total depth; VDL, 4320'-total depth.

 GR-BHC-base of surface casing to total depth; CNL 4320' to total depth.

 GR-FDC-CNL 4320- to total depth.

CORING: 1 60' core in Lower Ismay.

TEN POINT PROGRAM PAGE TWO

8) Continued -

TESTING: 1 Ismay DST.

STIMULATION: Akah Formation - approximately 1,000 gallons of 7.5% HCL.

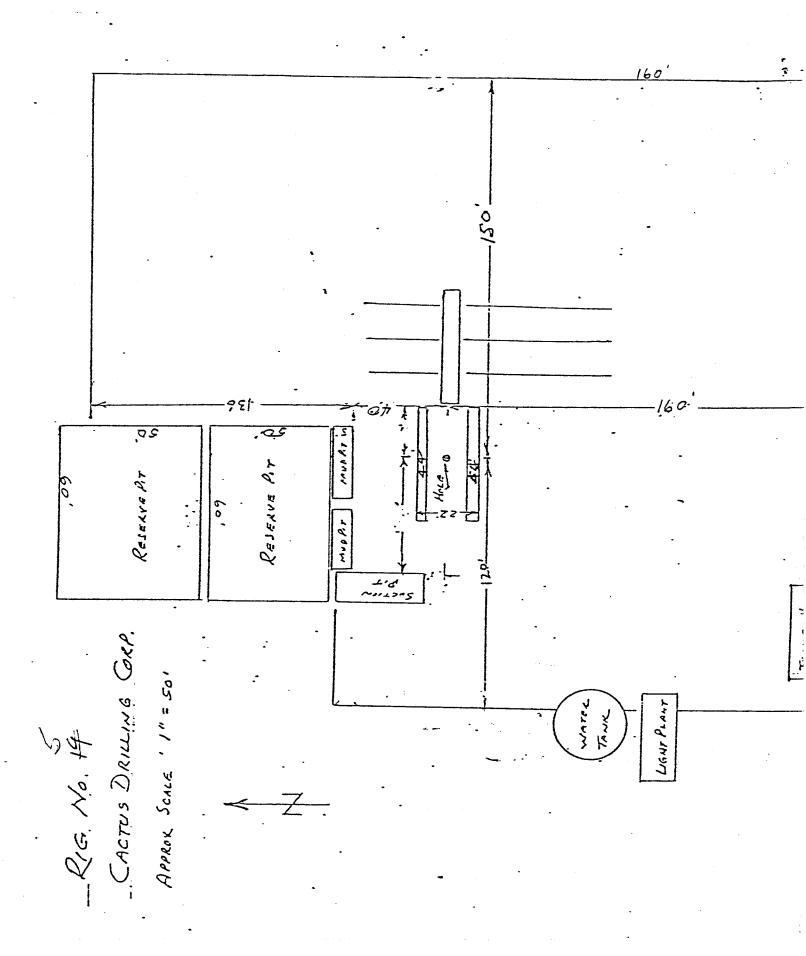
Actual volume of treatment will be dependent upon thickness of pay and evaluation of zone of interest.

9) ABNORMAL PRESSURE: This firm does not anticipate any abnormal pressure of temperatures or any other hazards. This is based on previous geological data from nearby wells.

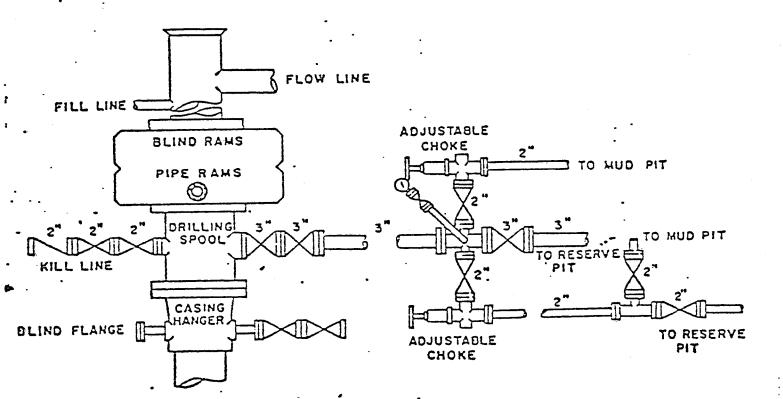
ESTIMATED BOTTOMHOLE PRESSURE: 2800 PSI.

10) ANTICIPATED STARTING DATE: Within 30 - 45 days from Government approval.

DURATION OF OPERATION: 30 - 60 Days.



B.O. R Shaffer Double Hyd. 12" X 900 Series



CONFIDENTIAL

** FILE NOTATIONS **

DATE: September 16, 1980
OPERATOR: Davis Clil Company
WELL NO: Jank Mesa Jedual # 1
Location: Sec. 1 T. 405 R. 21E County: San Juan
File Prepared: Entered on N.I.D: Completion Sheet:
API Number 43-037-30601
CHECKED BY:
Petroleum Engineer: Mas. Munder 9-18-80
Director:
Administrative Aide: 1Km go well spacing
APPROVAL LETTER:
Bond Required: / Survey Plat Required: / /
Order No O.K. Rule C-3
Rule C-3(c), Topographic Exception - company owns or controls acreage within a 660' radius of proposed site
Lease Designation Jaa Inst in Plotted on Map
Approval Letter Written
Hot Line P.I.

CONFIDENTIAL

September 18, 1980

Davis Oil Company 410 17th Street, Suite 1400 Denver, Colorado 80202

200

Re: Well No. Tank Mesa Federal #1
Sec. 1, T. 40S, R. 21E.,
San Juan County, Utah

Insofar as this office is concerned, approval to drill the above referred to gas is hereby granted in accordance with Rule C-3, General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

MICHAEL T. MINDER - Petroleum Engineer Office: 533-5771 Home: 876-3001

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (acquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-037-30601.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Michael T. Minder Petroleum Engineer

/btm cc: USGS

Form Approved. Budget Bureau No. 42-R1424

APPROVED BY		DATE
	pace for Federal or State offi	ce use)
		DATE 9-19-80
18. I hereby certify that the foregoing is true and	correct District	
Substitute Salety valve. Mana. and Type	Y: 11/19.	Set @Ft
. , D	ATE:	ari 1
	OIL, GAS, AND MI	
ocation orientation, earthwork y	iobbasemain samer	dra to constant nature of terra
ote location change to 660' FEL urvey plat is attached.	and 753' FSL due	to archeological constraints.
	# K-55 STC-new 5.5# K-55 STC-new	0-1400' 1000 sks. est.
	rrugated pipe	30' 4 yds. ready mix 0-1400' 1000 sks. est.
Size of Hole Size of Casing	Wt./Ft. metal	Depth Cement
including estimated date of starting any pro measured and true vertical depths for all man	posed work. If well is di rkers and zones pertinent	rectionally drilled, give subsurface locations and to this work.)*
17. DESCRIBE PROPOSED OR COMPLETED OPE	ERATIONS (Clearly state	all pertinent details, and give pertinent dates
(other) Change location		SILIII
CHANGE ZONES ABANDON*	\exists \checkmark) (J)
PULL OR ALTER CASING 🕍 L MULTIPLE COMPLETE 🗍 [Change on Folly 9-330.)
REPAIR WELL		(NOTE: Report results of multiple completion or zone change on Form 9–330.)
FRACTURE TREAT [] [SHOOT OR ACIDIZE []	 	Section 1
EST WATER SHUT-OFF		O SA CAN CONTROL OF THE CONTROL OF T
REQUEST FOR APPROVAL TO: SUBSEQU	JENT REPORT OF:	4636' GR
REPORT, OR OTHER DATA	- · · · · · · · · · · · · · · · · · · ·	15 ELEVATIONS (SHOW DF, KDB, AND WD)
16. CHECK APPROPRIATE BOX TO INDICATE	NATURE OF NOTICE,	AM. AFINO.
AT TOP PRODY INTERVAL:		San Juan Utah 14. API NO.
AT SURFACE: SE SF 660' FEL & 75	3' FSL	12. COUNTY OR PARISH 13. STATE
4. LOCATION OF WELL (REPORT LOCATION CL below.) Sec. 1 T40S R21E	LEARLY. See space 1/	1 T40S R21E
410 17th Street Suite 1400 De		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
3. ADDRESS OF OPERATOR		Wildcat
DAVIS OIL COMPANY	<u>`</u>	10. FIELD OR WILDCAT NAME
well well other 2. NAME OF OPERATOR		9. WELL NO. #1
1. oil gas de other	-	
Do not use this form for proposals to drill or to deepen deservoir. Use Form 9–331–C for such proposals.)	or plug back to a different	8. FARM OR LEASE NAME
SUNDRY NOTICES AND REPORT		7. UNIT AGREEMENT NAME Tank Mesa Unit
		T UNIT ADDESIGNATION NAME
GEOLOGICAL SURVEY	<u>}</u>	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
DEPARTMENT OF THE INTI	ERIOR	U-12828
UNITED STATES	1	5. LEASE

COMPANY	DAVIS OIL COMPANY
LEASE	Tank Mesa Unit WELL
SECTION 1	T. 40 S. R. 21 E., S. L. B. & M.
LOCATION	753 feet from the South Line 660 feet from the East Line
ELEVATION	4636 (Ungraded)

	San Juan County		Utah
.			
,		1	
			660'
			753

The undersigned, KROEGER ENGINEERING COMPANY, hereby certifies that the above plat was prepared from field notes of actual surveys made by them, and that the same are true and correct to the best of their knowledge and belief.

Scale: I" = 1000'

DATE: September 17. 1980

KROEGER ENGINEERING COMPANY

By: 1700gg

John A. Kroeger, Fresident

Utah Reg. No. 1648

TEN POINT PROGRAM PAGE TWO

8) Continued -

TESTING: 1 Ismay DET.

STIMULATION: Akah Formation - approximately 1,000 gallons of 7.5% HCL.

Actual volume of treatment will be dependent upon thickness of pay and evaluation of zone of interest.

9) ABNORMAL PRESSURE: This firm does not anticipate any abnormal pressure of temperatures or any other hazards. This is based on previous geological data from nearby wells.

ESTIMATED BOTTOMHOLE PRESSURE: 2800 PSI.

10) ANTICIPATED STARTING DATE: Within 30 - 45 days from Government approval.

DURATION OF OPERATION: 30 - 60 Days.

DAVIS OIL COMPANY

110 – 17TH STREET, SUITE 1400 DENVER, COLORADO 80202 TELEPHONE: 303-623-1000

NEW YORK NEW ORLEANS HOUSTON TULSA

OIL, GAS & MINING

October 15, 1980

066171700



Mr. Mike Minder Utah State Division of Oil and Gas and Mining 1588 West North Temple Salt Lake City, Utah 84116

> RE: Tank Mesa Unit #1, #2, #3 San Juan County, Utah

Dear Mr. Minder:

Per our telephone conversation of October 14, I am resubmitting our applications on Tank Mesa #1, #2, and #3. I have changed our application from a gas well to an oil well.

Also I have changed the Tank Mesa Unit #3 to Sec. 1, T40S, R21E with a new footage of 1980' FSL and 1930' FEL.

At this time, we are not submitting a letter of Unorthodox Location on the #2 Tank Mesa Unit because we may want to make some adjustment in our footage location depending on the outcome of our #1 Tank Mesa Unit well.

If you have any further questions, or if I can be of further service to you, please do not hesitate to contact me.

Yours very truly,

DAVIS OIL COMPANY

Michelle Fisher Geological Secretary

/m£

Enclosures

cc: Dave Banko

P.S. Please expedite the approval of these wells as we plan to start drilling the #1 Tank Mesa Unit in just a couple of weeks.

SUBMIT IN TRII TE*

(Other instructions on reverse side)

Form approved. Budget Bureau No. 42-R1425.

to

Form 9-331 C (May 1963)

DRILL EX DEEPEN DIL STREAM PLUG BACK DIL STREAM OF OFFICE SORE STORE STO	(May 1000)		ITED STATES	reverse s		
APPLICATION FOR PERMIT 10 DRILL, DEEPEN, OR PLUG BACK 0. TYPE OF WORK DRILL DX DEEPEN DISTRICT STATE PLUG BACK TOWN ASSESSMENT OF THE STATE DESCRIPTION OF THE STATE D	1 scati			ERIOR		5. LEASE DESIGNATION AND SERIAL NO.
APPROVED BY BRILL EX DEPEN PLUG BACK 7. EVER AGARDHANY VALUE 10. EVER OF WILL 1						
DRILL IX DEEPEN PLUG BACK 1. OPHER STORE STATE PROPOSE 1. OPHER STA		N FOR PERMII	TO DRILL, DEE	PEN, OR PLUG E	BACK_	
S. THE OF WHILE WILL DO OFFICE OF STAND OF LARGE MONEY ADDRESS OF OFFICE OF STAND OF LARGE MONEY ADDRESS OF OFFICE OF STAND OF LARGE MONEY ADDRESS OF OFFICE OF STAND OF LARGE MONEY AT COLORS OF WHILE COPY TO COLOR OF LARGE MONEY AT COLORS OF MALE AND ORDER OF OFFICE OF MALE AND ORDER ORD	1a. TYPE OF WORK		DEEPEN [PLUG BA	ск 🗀	7. UNIT AGREEMENT NAME
EARTH OF OPERATOR AND IS OF COMPANY ADVIS OIL COMPANY A DOWNESS OF OPERATOR BURGE OF NOTE OF POOR OPERATOR A DOWNESS OF OPERATOR A DOWNESS OF OPERATOR BURGE OF NOTE OF POOR OPERATOR A DOWNESS OF OPERATOR A DOWNESS OF OPERATOR A DOWNESS OF OPERATOR BURGE OF NOTE OF POOR OPERATOR A DOWNESS OF OPERATOR A DOWNESS OF OPERATOR BURGE OF NOTE OF POOR OPERATOR A DOWNESS OF OPERATOR A DOWNESS OF OPERATOR A DOWNESS OF OPERATOR BURGE OF NOTE OF POOR OPERATOR A DOWNESS OF OPERATOR A DOWNESS OF OPERATOR BURGE OF NOTE OF POOR OPERATOR A DOWNESS OF THE OPERATOR BURGE OF NOTE OF POOR OPERATOR BURGE OF THE STORY OF THE POOR OPERATOR BURG	b. TYPE OF WELL					
ADVIS OIL COMPANY 410 17th Street, Suite 1400, Denver, Colorado 30202 10 FIRED AND PRODUCT CONTINUED AND PROCESSAN AND PRODUCT OF STATE OF THE AND PROCESSAN AND PRODUCT OF STATE OF STATE OF THE AND PROCESSAN AN	well XX w					8. FARM OR LEASE NAME
A ADOUT STATES OF FORMAN OF WHILE AND POOR OF REAL STATES OF SEAL OF STATES OF FORMAN OF WHILE AND POOR OF REPORT OF THE AND POOR OF THE AND POO		COMPANY				9. WELL NO.
A TO I THE STREET. SINCE 1400, PET. A CONTROL OF MILES AND DESCRIPTION CHARGE. A STREET SEC. 1, T40S, P21E LOCATION CHARGE. A STREET SEC. 1, T40S, P21E LOCATION CHARGE. A PROPOSED FOR JUNE 120, SELECT SEC. 1, T40S, P21E LOCATION CHARGE. A PROPOSED FOR JUNE 120, SELECT SEC. 1, T40S, P21E LOCATION CHARGE. A PROPOSED FOR JUNE 120, SELECT SEC. 1, T40S, P21E LOCATION CHARGE. A PROPOSED FOR JUNE 120, SELECT SEC. 1, T40S, P21E LOCATION CHARGE. A DEFERMACE FROM PROPOSED. PERMIT NO. A PROPOSED FOR LOCATION FROM NEAR TOWN OF REVERSE SEC. 1, T40S, P21E WILL SEC. 1, T40S, P21E	3. ADDRESS OF OPERATOR	COLITATAL				#1
At proposed prod. zone At proposed prod. zone At proposed prod. zone T53' FSL and 660' FEL WLY - Change provided and the state of the s	410 17th S	Street, Suite	1400, Denver, C	blorado 80202 v State requirements.*)		
ADDITION PROCESSING FROM PROPERTY OF A DISTRICT OF THE PROPERTY OF A DISTRICT PROCESSING FROM PROPERTY OF A DISTRICT PROCESSING FROM PROPERTY OF A DISTRICT PROP	At surface			• •	,	11. SEC., T., R., M., OR BLK.
4. DISTANCE IN MISS AND DESCRIPTOR PROM NAMES TO NAMES TO STORY OF THE STORY OF THE STORY OF THE STORY TO STORY			Locust Locust	ion change		
5. BISTANCE FROM PROPOSED ** BISTANCE FROM PROPOSED PROPOSED PROPOSED FROM PROPOSED TO ASING BOTTON PROPOSED PROPOSED FROM PROPOSED PROPOSED PROPOSED FROM PROPOSED PROPOSED PROPOSED FROM PROPOSED PROPOSED FROM PROPOSED PROPOSED PROPOSED PROPOSED PROPOSED FROM PROPOSED			EL/ ONLY-	Change pri	WIOU	
DESCRIPTION PROPOSED TO NAMES TO THE WELL DOOR ACRES IN LEASE LOCATION TO NAMES TO THE WELL DISTRICT ON SAMES TO THE WELL DISTRICT ON NAMES TO NOT THE MASS. THE TOTAL NAMES TO NAM				tula '9/	9/80).6 ,
PROPERTY OF LEASE LINE, FT. 120. S. DICTARCE FROM FROUNDED LOCATION 1 any 645 West 560.00 Also to nearest drig, until line, it may 645 West 8 DECATY DECATY 20. ROTARY OR CABLE TOOLS ROLATY 12. APPROX. DATE WORK WILL START* Upon approval. SIZE OF HOLE SIZE OF CASING AND CEMENTING PROGRAM SIZE OF HOLE SIZE OF CASING WEIGHT PER FOOT SETTING DEPTH QUANTITY OF CEMENT 12. 1/4" 8. 5/8" 24 # K-55 STC (NEW) 0-1400* 1000 SXS. est. 7. 7/8" 5. 1/2" 15.5 # K-55 STC (NEW) 0-5620* 500 SXS. est. 24" 21" Corrugated metal. 0-30* 4 yards ready-mix cement pipe - New Surface SIZE OF HOLE SIZE OF CASING WEIGHT PER FOOT SETTING DEPTH QUANTITY OF CEMENT	15. DISTANCE FROM PROPO	SED*	16.	NO. OF ACRES IN LEASE		OF ACRES ASSIGNED
TO NEARLEST WELL, PRILLING, COLPTEN BY OR APPENDEN, ON THIS LEASE, T. HEVATION (Show whether Dr. F. Girlic.) FERVATION (Show whether Dr. F. Girlic.) FERVATI	PROPERTY OR LEASE L	INE, FT.	645' West	560.00	101	
REVAINDS (Sew Light PL Grown State work will start Upon approval SIZE OF HOLE SIZE OF HOLE SIZE OF CASING WHICH PER FOOT SETING DETTIN QUARTITY OF CEMENT 12 1/4" 8 5/8" 24# K-55 STC (NEW) 12 1/7" 15.5# K-55 STC (NEW) O-5620' 500 sxs. est. 7 7/8" 5 1/2" 15.5# K-55 STC (NEW) O-6620' 500 sxs. est. 24" 21" Corrugated metal 0-30' 4 yards ready-mix cement pipe - New surface **THIS IS A TIGHT HOLE **THIS IS A TIGHT HOLE **THIS IS A TIGHT HOLE N ABOVE SPACE DESCRIBE PROTOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive sone and proposed new productive receiver program, if any. **THIS IS A TIGHT HOLE **T	TO NEAREST WELL, D	RILLING, COMPLETED,	ANIETY	PROPERTY AND DESCRIPTION OF THE PROPERTY OF TH	i .	
SIZE OF HOLE SIZE OF CASINO WEIGHT PER POOT SETTING DEPTH QUANTITY OF CEMENT 12 1/4" 8 5/8" 24 # K-55 STC (NEW) 0-1400' 1000 sxs. est. 7 7/8" 5 1/2" 15.5 # K-55 STC (NEW) 0-5620' 500 sxs. est. 24" 21" Corrugated metal pipe - New SURFACE SET TEN POINT PROGRAM) *THIS IS A TIGHT HOLE NABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive some and proposed new productive nome. If proposal is to drill or deepen directionally, give pertinent data on submirface locations and measured and true vertical depths. Give blowout revertier program, if any. Chief Geologist TITLE DATE DATE DATE	or applied for, on thi	IS LEASE, FT.	MAN I		RO	
SIZE OF HOLE SIZE OF CASING	N	B6 CR				Upon approval
12 1/4" 8 5/8" 24# K-55 STC(NEW) 0-1400' 1000 sxs. est. 7 7/8" 5 1/2" 15.5# K-55 STC(NEW) 0-5620' 500 sxs. est. 24" 21" Corrugated metal pipe - New Surface SNINIW % SVD 'NO - O NOISIAID (SEE TEN POINT PROGRAM) *THIS IS A TIGHT HOLE *THIS IS A TIGHT	23.		PROPOSED CASING A	ND CEMENTING PROGR.	АМ	
15.5# K-55 STC (NEW) 0-5620' 500 sxs. est.	SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	T	QUANTITY OF CEMENT
24" 21" Corrugated metal pipe - New 9-30' 4 yards ready-mix cemen surface SNINIW % SV9 710						00' 1000 sxs. est.
pipe - New surface SNINIW % SV9 710 PROGRAM					-	
(SEE TEN POINT PROGRAM) *THIS IS A TIGHT HOLE *THIS IS A TIGHT HOL	24"	21"	1	1	0-30	
(SEE TEN POINT PROGRAM) *THIS IS A TIGHT HOLE *THIS IS A TIGHT HOL			PTPC 1101			
(SEE TEN POINT PROGRAM) *THIS IS A TIGHT HOLE *THIS IS A TIGHT HOL						
(SEE TEN POINT PROGRAM) *THIS IS A TIGHT HOLE *THIS IS A TIGHT HOL						OIL, GAS & MINING
*THIS IS A TIGHT HOLE N ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive one. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout reventer program, if any. 4. Chief Geologist TITLE APPROVAL DATE DATE DATE						FIVE STATES
N ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive one. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout reventer program, if any. 4. Chief Geologist 10/15/80 PET Lafaye TITLE APPROVAL DATE APPROVAL DATE DATE	(SEE TEN E	POINT PROGRAM)				
N ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive one. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout reventer program, if any. 4. Chief Geologist 10/15/80 PET Lafaye TITLE APPROVAL DATE APPROVAL DATE DATE			*THTS TS A TT	GHT HOLE		Edet et unn et i
one. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout reventer program, if any. 4. Chief Geologist 10/15/80 TITLE DATE APPROVED BY					At the same of the	
one. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout reventer program, if any. 4. Chief Geologist 10/15/80 TITLE DATE APPROVED BY						
one. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout reventer program, if any. 4. Chief Geologist 10/15/80 TITLE DATE APPROVED BY						
one. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout reventer program, if any. 4. Chief Geologist 10/15/80 TITLE DATE APPROVED BY						
one. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout reventer program, if any. 4. Chief Geologist 10/15/80 TITLE DATE APPROVED BY						
Chief Geologist 10/15/80 Ed Iafaye (This space for Federal or State office use) PERMIT NO	zone. If proposal is to	drill or deepen directi	If proposal is to deepen conally, give pertinent dat	or plug back, give data on p a on subsurface locations a	resent prod nd measure	ductive zone and proposed new productive and true vertical depths. Give blowout
TITLE DATE (This space for Federal or State office use) PERMIT NO. APPROVAL DATE APPROVED BY TITLE DATE	24.	SPI	2	Chiof Coologist		10/15/20
(This space for Federal or State office use) PERMIT NOAPPROVAL DATE	SIGNED	U Xofa	TITLE_	GITEL GEOLOGIST		· · · · · · · · · · · · · · · · · · ·
APPROVED BY DATE						
APPROVED BY DATE	DERMIT NO			APPROVAL DATE		
APPROVED BI	PERMIT NO.					
		AT ID ANY	TITLE _			DATE

COMPANY	DAVIS OIL (COMPANY	
LEASE	Tank Mesa U	Unit	WELL No. 1
SECTION 1	T. 40 S. R. 2	21 E., S.	L. B. & M.
LOCATION	753 feet	from the	South Line
			East Line
EL EVATION	4636 (Ung	graded)	

San Juan Cou	nty			Utah
				
	• • • • • • • • • • • • • • • • • • • •		•	
		1		
				
		•	•	660'

The undersigned, KROEGER ENGINEERING COMPANY, hereby certifies that the above plat was prepared from field notes of actual surveys made by them, and that the same are true and correct to the best of their knowledge and helief

DATE: September 17. 1980

(KROEGER ENGINEERING COMPANY

By: M. C. Delli

John A. Kroeger, President

Utah Reg. No. 1648

Scale: 1" = 1000"

TEN POINT PROGRAM

1) SURFACE FORMATION: Morrison

2 & 3) ESTIMATED TOPS: (Water, Oil, Gas or Mineral bearing formations)

Morrison	Surface	Wet sandstones
Chinle	1260'	Tight siltstones & sandstones
Cutler	2320'	Tight siltstones & sandstones
Honaker Trail	4320'	Possible gas productive sandstones
Upper Ismay	5230'	Tight limestone
Lower Ismay	5340'	Oil Productive limestone
Cothic:	5400'	Shale
Desert Creek	5450'	Oil Productive Limestone
Akah	5590'	Tight anlydnite
Total Depth	5620'	

//00 //000

4) CASING PROGRAM: 12 1/4", 8 5/8" 24# K-55 STC(NEW) 0-160 sxs. est.

7 7/8", 5 1/2" 15.5# K-55 STC(NEW) 0-5620' 500 sxs. est.

24", 21", corrugated metal pipe - New 0-30' 4 yards ready-mix cement to surface.

- 5) PRESSURE CONTROL EQUIPMENT: (See attached schematic diagram) BOP's and choke manifold will be installed and pressure tested before drilling out under surface casing and then will be checked daily as to mechanical operating condition. Ram type preventors and related pressure control equipment will be pressure tested to rated working pressure of the stack assembly or to 70% of the minimum internal yield pressure of the casing. Annular type preventors will be tested to 50% of their rtaed working pressure. BOP's will be pressure tested at least once every 30 days.
- 6) MUD PROGRAM: 0-350' Spud Mud 350-2500' Water

2500-5620' Fresh water gel, Maximum mud weight 9.0 ppg based on offset c wells. Vis 35, 10 cc W.L., PH 9-9.5.

Sufficient mud materials to maintain mud properties, control lost circulation and to contain blowout will be available at wellsite. *

- 7) AUXILLIARY EQUIPMENT:
 - 1) Kelly Cock.
 - 2) Drill Pipe Float (Except for lost circulation drilling conditions)
 - 3) Monitoring of Mud System will be visual unless otherwise specified.
 - 4) A sub on the floor with a full opening valve to be stabbed into drill pipe when Kelly is not in the string.
- 8) LOGGING: GR-DIL base of surface casing to total depth; VDL, 4320'-total depth. GR-BHC-base of surface casing to total depth; CNL 4320' to total depth. GR-FDC-CNL 4320- to total depth.

CORING: 1 60' core in Lower Ismay.

DEPAR

UNITE				(See othe
TMENT	OF	THE	INTERIOR	structions reverse s

5. LEASE DESIGNATION AND SERIAL NO. #U-12828

	GEC)LOGICAL	- SURVE	Y			170-12020	
		255014	DUCTION	DEDODI	AND	10G*	6. 'F INDIAN,	ALLOTTEE OR TRIBE NAME
	PLETION OF		PLETION	KEP OKI	~\\U		7. UNIT AGRE	EMEST NAME
. TYPE OF WELL:	OH. WELL	WELL X	DRY .	Other			Tank Mes	
L TYPE OF COMPL			DIFF.				S. FARM OR I	
	VORK DEEP-	PLEG BACK	RESVR.	Other				
. NAME OF OPERATOR							9. WELL NO.	
DAVIS OIL							- #1	
. ADDRESS OF OPERAT	rom Reliance, W	voming 8	2943				10. FIELD AN	D POOL, OR WILDCAT
BOX 900	Rellance, W	youring or	ordance with	any State requi	rements)*	- Wildca	
LOCATION OF WELL	Report location cit	F.	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	-			11. SEC., T., F	L., M., OR BLOCK AND SURVEY
		6601	FEL & 533	l' FSL				100 D01E
At top prod. inter	val reported below						Sec. 1 T	40S RZIE
At total depth								OR 13. STATE
			14. PERMIT N	10.	DATE IS	SSUED	12. COUNTY OF	*** 1
							San Juan	19. ELEV. CASINGHEAD
5. DATE SPUDDED	16. DATE T.D. REACH	ED 17. DATE	COMPL. (Ready	to prod.) 18	S. ELEVA		RT, GR, ETC.)*	same
10-30-80	1-23-81					36' GR	ROTARY TOO	7 70050
O. TOTAL DEPTH, MD &	TVD 21. PLUG, BA	CK T.D., MD & T	HOW	ULTIPLE COMPL	••	DRILLED B		None
5765'	P8		1	None	-		1	25. WAS DIRECTIONAL
4. PRODUCING INTERV	AL(S), OF THIS COM	PLETION-TOP,	BOTTOM, NAME	(GAT GET GET)				SURVEY MADE
None								Yes
						201	1	27. WAS WELL CORED YES
6. TIPE ELECTRIC AN GR-DIL-Base GR-BHC- GAT	of surface	**						103
S. ER-FUC-CNI.	43/11/10/11/01			Report all string	ys set in	well)	NG RECORD	AMOUNT PULLED
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET		HOLE SIZE	-			None
21"	metal pipe	30		24"	_ :	rds. read	est.	
8 5/8"	24# K-55 S	rg 38	2'	12社'' 7 7/8''		00 525.	11	
5½"	15.5# K-55	STC		7 773				
		ER RECORD				30.	TUBING REC	ORD
29.			SACKS CEMENT	screen (MD)	SIZE	DEPTH SET ((MD) PACKER SET (MD)
81ZE	TOP (MD) BO	11031 (315)	340.00	-		None		
None								
31. PERFORATION REC	OED (Interval, size (ind number)		32.	AC	ID. SHOT. FRA		T SQUEEZE, ETC.
•				DEPTH I	NTERVAL	(MD)	AMOUNT AND KI	ND OF MATERIAL USED
33.*				RODUCTION	re and to	ine of numn'	WELI	STATUS (Producing or
DATE FIRST PRODUCTI	ION PRODUCT	ION METHOD (intoing, gas lif	t, pumping—siz	es attille (, A		ut-in)
			PROD'N. FO	R 01L-88L		GAS-MCF.	WATER—BE	BL. GAS-OIL RATIO
DATE OF TEST	HOURS TESTED	CHOKE SIZE	TEST PERIC			1.		
	DROGGURE	CALCULATED	OIL BBL.	GAS	—MCF.	WAT	ER—BBL.	OIL GRAVITY-API (CORB.)
FLOW. TUBING PRESS.	CASING PRESSURE	24-HOUR BAT				1		
34. DISPOSITION OF G	AS (Sold, used for fu	el, vented, etc.)	1				TEST WITN	ESSED BY
35. LIST OF ATTACH	MENTS							
36. I hereby certify	that the difference	and attached i	nformation is	complete and co	orrect a	s determined f	rom all available	records
36. I hereby certify	2 of			DISTRICT	ond o-			
SIGNED _	Meter	<i></i>	TITĻE	Superint	enden	<u> </u>	DA	PE

NSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State anguer, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal state office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surrers, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments

should be listed on this form, see item 35.

Hear 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State Hem 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

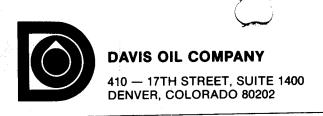
Hems 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval completion), hottom (s) and mane(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, interval, or intervals, top(s), hottom (s) and mane(s) (if any) for only the interval reported in item 33.

for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Hem 29: "Nacks Coment": Attached supplemental records for this well should show the details of any multiple stage comenting and the location of the community of above.)

Hem 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 21 above.)

TAUR VEBT. DEPTH	
MEAS DEPTU	998' 1588' 4458' 5326' 5765'
SANG	Morrison Sand Silt & lime Ismay Akah
RNATION TOP HOTTOM PERCHIPTION, CONTENTS, EVC.	•
portox	
Tor	





JUL 20 1982

TO: State of Utah

DIVISION OF TRANSMITTAL, GAS & MINING

DATE: 7/15/82

RE: WELL NAME: #/ Jank Mess/ Init

ENCLOSED	PLEASE FI	ND THE FOLLOWING:						
1.	copies of	A.F.E. for						
		Survey Plan						
3.	copies of	Well Licence Application						
4.	copies of	opies of Geological Prognosis and Drilling Program						
		Approved Well Licence						
		Field Prints of Logs						
		Final Prints of Logs						
		DST Charts/Reports						
		Drilling/Completion Report						
LO.	copies of	Fluid (gas, water, oil) Analysis						
		Geological Report						
		Core Analysis/Description						
•								
	DEMA DEC.							
	KEMAKKS:							
	RECEIVED	BY: DATE:						

PLEASE ACKNOWLEDGE RECEIPT BY SIGNING AND RETURNING THE ENCLOSED COPY.



Scott M. Matheson. Governor Temple A. Reynolds, Executive Director Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 A861543-174, 1982

Davis Oil Company Box 900 Reliance, Wyoming 82943

> Re: Well No. Tank Mesa Federal Unit #1 Sec. 1, T. 40S, R. 21E. San Juan County, Utah

Gentlemen:

According to our records, a "Well Completion Report" filed with this office February 4, 1981, from above referred to well, indicates the following electric logs were run: GR-DIL, VDL, GR-HHC, CNL, GR-FDC-CNL. As of todays date, this office has not received these logs.

Rule C-5, General Rules and Regulations and Rules of Practice and Procedure, requires that a well log shall be filed with the Commission together with a copy of the electric and radioactivity logs.

Your prompt attention to the above will be greatly appreciated.

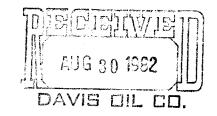
Sincerely,

DIVISION OF OIL, GAS AND MINING

Cari Furse Clerk Typist



Scott M. Matheson, Governor Temple A. Reynolds, Executive Director Cleon B. Feight, Division Director



4241 State Office Building • Salt Lake City, UT 84114 A8911513-174, 1982

Davis Oil Company Box 900 Reliance, Wyoming 82943

Re: Well No. Tank Mesa Federal

Unit #1

Sec. 1, T. 40S, R. 21E. San Juan County, Utah

Gentlemen:

According to our records, a "Well Completion Report" filed with this office February 4, 1981, from above referred to well, indicates the following electric logs were run: GR-DIL, VDL, GR-HHC, CNL, GR-FDC-CNL. As of todays date, this office has not received these logs.

Rule C-5, General Rules and Regulations and Rules of Practice and Procedure, requires that a well log shall be filed with the Commission together with a copy of the electric and radioactivity logs.

Your prompt attention to the above will be greatly appreciated.

Sincerely,

DIVISION OF OIL, GAS AND MINING

SEP 01 1982

Cari Furse Clerk Typist

DIVISION OF OIL, GAS & MINING

8/30/82

Two copies of the above requested logs have been ordered. You should receive them within two weeks.

Board/Charles R. Henderson, Chairman • John L. Bell • É. Steele McIntyre • Edward T. Beck Robert R. Norman • Mar**Salle Cente**d **y**Herm Olsen

an equal opportunity employ 11 duse recycle paper

Geological Clerk